

**Listing of the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 15. (canceled)

16. (currently amended) In a communication system supporting mobile IP, wherein a mobile node is operable to connect to a network infrastructure via one or more gateway routers, a method comprising the mobile node performing steps of:  
determining that it is attached to a mobile gateway router associated with a mobile network ~~wherein the mobile network is a home network of the mobile node;~~  
determining a home address of the mobile gateway router;  
obtaining a care of address comprising the home address of the mobile gateway router;  
sending the care-of address to a home agent of the mobile node; and  
maintaining a binding update list of one or more correspondent nodes that the mobile node has been communicating with,  
wherein the mobile node maintains the binding update when the mobile network is a home network of the mobile node.

17-18. (canceled)

19. (original) The method of claim 16, wherein the mobile node comprises a mobile router.

20. (original) The method of claim 16, wherein the mobile node comprises a mobile network node detached from a mobile network.

21. – 23. (canceled)